

In the Claims:

Claims 1 to 13 (Canceled).

1 14. (New) A clamping mechanism for clamping at least two
2 structural components to each other, said clamping
3 mechanism comprising a clamping bail forming a clamping
4 opening, a first clamping section (9) carried by said
5 clamping bail to face across said clamping opening, a
6 second clamping section (10) carried by said clamping bail
7 to face across said clamping opening in axial alignment
8 with said first clamping section (9), said axial alignment
9 defining a drilling axis, said first clamping section (9)
10 comprising a guide element with a guide channel (11)
11 adapted to guide a drill bit (DB) driven by a drilling tool
12 along said drilling axis, a guide hole (11') in said guide
13 element, a locating pin (12') movable in said guide hole
14 (11') along a pin axis extending at an angle to said
15 drilling axis, said locating pin (12') being axially
16 movable along said guide hole (11') in said guide element
17 to reach into said guide channel (11) for positioning a
18 first structural component of said at least two structural
19 components in a correct drilling position, said locating
20 pin (12') being also sufficiently moveable for moving out
21 of said guide channel (11) and wherein said second clamping
22 section (10) comprises a pressure member (15) and a
23 clamping drive for pressing said pressure member (15)
24 against a second structural component of said at least two

25 structural components and against said first structural
26 component to establish a clamped position for said at least
27 two structural components.

1 **15.** (New) The clamping mechanism of claim 14, wherein said
2 guide element (11) comprises an adapter (20) secured to
3 said first clamping section (9), in axial alignment with
4 said drilling axis, said adapter comprising a locking
5 device for locking said drilling tool to said first
6 clamping section.

1 **16.** (New) The clamping mechanism of claim 15, wherein said
2 locking device of said adapter (20) is a chuck for locking
3 said drilling tool to said first clamping section (9).

1 **17.** (New) The clamping mechanism of claim 14, wherein said
2 clamping drive comprises a cam (13A), an eccentric mounting
3 (14) rotatably securing said cam (13A) to said second
4 clamping section (10) and a drive lever (13) secured to
5 said cam for rotating said cam against said pressure
6 member (15).

1 **18.** (New) The clamping mechanism of claim 14, wherein said
2 clamping drive comprises a clamping screw (21) rotatably
3 mounted in said second clamping section, said clamping
4 screw having a free end forming said pressure member (15).

1 **19.** (New) The clamping mechanism of claim 14, wherein said
2 clamping drive comprises a clamping push rod (22) slidably
3 and rotatably mounted in said second clamping section and
4 an operating lever (23) secured to one end of said clamping
5 push rod, said clamping push rod having a free end forming
6 said pressure member (15).

1 **20.** (New) The clamping mechanism of claim 14, wherein said
2 clamping drive comprises a piston cylinder device mounted
3 to said second clamping section, said piston cylinder
4 device comprising a piston having a free end forming said
5 pressure member (15).

1 **21.** (New) The clamping mechanism of claim 14, further
2 comprising a suction device (17) communicating with said
3 guide element (11) for sucking drill chips out of said
4 guide element.

1 **22.** (New) The clamping mechanism of claim 14, wherein said
2 pressure member (15) comprises a free end for contacting
3 said other structural component and a dead end bore or
4 cavity (15A) in said pressure member in axial alignment
5 with said guide element (11), said dead end bore opening
6 into said free end of the pressure member wherein said free
7 end of the pressure member, in a clamping position
8 surrounds a structural component area through which a hole
9 is being drilled and a drill bit tip can enter into said
10 bore or cavity (15A) when a hole drilling is completed.